

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 – 18 (Canceled)

Claim 19 (Currently Amended): A ceramic heater comprising a ceramic substrate and a resistance heating body formed on a surface thereof, wherein the resistance heating body is formed on a face of the ceramic substrate opposite to a heating face thereof and a scattering of a thickness of the resistance heating body is within a range of $\pm 15\%$ of an average thickness, and a surface roughness of the resistance heating body is within a range of $0.05\ \mu\text{m}$ - $100\ \mu\text{m}$ as R_{max} and not more than ~~15%~~ 50% of an average thickness of the resistance heating body.

Claim 20 (Previously Presented): A ceramic heater according to claim 19, wherein the ceramic substrate is a carbide or nitride ceramic.

Claim 21 (Previously Presented): A ceramic heater according to claim 19, wherein the ceramic substrate has a thickness of not more than 25 mm.

Claim 22 (Previously Presented): A ceramic heater according to claim 19, wherein an insulating layer of an oxide ceramic is formed on the surface of the ceramic substrate and the resistance heating body is formed on a surface of the insulating layer.

Claim 23 (Previously Presented): A ceramic heater according to claim 19, wherein the resistance heating body is constructed by two or more circuits.

Claims 24 – 33 (Canceled)